

Amendment to Specification

Amend the paragraph starting at page 7, line 31 as follows:

Each of the RTNEs 220 provides the following outputs: a logic output L indicative of the logical value (i.e., 0 or 1) of the current sample V_C , a logical value E indicative of the occurrence or non-occurrence of a logical edge between the current V_C and previous V_P samples (i.e., the presence of a logical edge being indicated by a low-high or high-low logical transition between previous V_P and current V_C samples); an X-bit word TPE indicative of the time position of an edge between ~~he~~ the previous V_P and current V_C samples and a Y-bit word TPS indicative of the time position or slice number associated with the sample prior (V_P) to the particular sample.